

MINUTES

ENVIRONMENTAL FIELD WORKING GROUP MEETING

May 17-18 1995

Arlington Hilton Hotel, Arlington, Texas

May 30, 1995

Next Environmental FWG Meeting

The *next Environmental FWG meeting is currently planned to be held 1300 - 1700 on 28 August 1995* at the site of the 1995 Tri-Service CADD/GIS Symposium, Hyatt Orlando, Kissimmee, Florida. The Tri-Service CADD/GIS Symposium will take place on 29 August - 1 September 1995.

Attendees

1. Name: Steven C. Gonzales
Title/Position: Environmental Engineer
Address: NAVFAC HQ
Code 42
200 Stovall St.
Alexandria, VA 22332
phone: 703-325-0356
fax: 703-325-2974
email: scgonzales@hq.navfac.navy.mil
2. Name: Tom Stephan NOTE: Alternate for Robert Krivinskas
Title/Position: Architect
Address: Northern Division, NAVFACENGCOM
10 Industrial Highway MSC 82
Lester, PA 19112
phone: 610-595-0567
fax: 610-595-0555
3. Name: Christopher Kyburg
Title/Position: Chemical Engineer
Address: SW Division, NAVFACENGCOM
1220 Pacific Hwy
San Diego, CA 92132
phone - 619-532-1998
fax: 619-532-2469
email: cekyburg@efdsouthwest.navfac.navy.mil
4. Name: Phil Hunter
Title/Position: Hydrologist
Address: HQAFCEE/ERC
8004 Chenault Drive
Brooks AFB, TX 78235
phone - 210-536-5281
fax - 210-536-5989
email: hntrpm@afcee2.brooks.af.mil

5. Name: Mung (Logos) Lun Yuen
Title/Position: Environmental Engineer
Address: HQAFCEE/ERC
8004 Chenault Drive
Brooks AFB, TX 78235
phone: 210-536-4170
fax: 210-536-5989
email: myuen@afceeb1.af.mil
6. Name: Bobby Carpenter
Title/Position: Environmental Engineer
Address: Tri-Service CADD/GIS Technology Center
USAE Waterways Experiment Station
CEWES-IM-DA
3909 Halls Ferry Road
Vicksburg, MS 39180-6199
phone: 601-634-4572
fax: 601-634-4584
email: carpenb@ex1.wes.army.mil
7. Name: Lawrence V. Mann
Title/Position: Geologist
Address: USAE District, Seattle
CENPS-EN-GT
P.O. Box 3755
Seattle, WA 98124
phone: 206-764-6737
fax: 206-764-6795
email: larry.mann@nps.usace.army.mil
8. Name: James Huang
Title/Position: Environmental Engineer
Address: HQUSACE
CEMP-RT
20 Massachusetts Ave., NW
Washington, DC 20314-1000
phone: 202-761-8883
fax: 202-761-8895

Discussion on Environmental Field Working Group Objectives

The results of a "brain-storming" session concerning objectives and initiatives which the Environmental Field Working Group should address are listed below. They are organized in order of the five key areas included in the Field Technical Advisory Group's Field Working Group's Charter.

a. **Initiation/Awareness.**

1. Identify other agency environmental initiatives which are similar.
2. Review and Input from non-DoD organizations.

b. **Procurement.**

1. Evaluate hardware/software

(a) Evaluate and recommend CADD and GIS hardware/software, and environmental software, for environmental applications at Tri-Service installations.

(b) Evaluate and recommend Environmental software for inclusion in NAVFAC CAD2 contract.

2. Support for contracting for electronic deliverables.

c. **Installation (Hardware/Software).**

1. Evaluate available training, recommend, develop.

(a) Evaluate, and develop recommendations concerning available CADD/GIS/Computer training for environmental applications.

(b) Develop CADD/GIS/Computer training for environmental applications which is not currently available.

d. **Implementation.**

1. Road Show (Implementation pilot project) which represents the life cycle approach to environmental restoration and compliance at an installation.

2. Tri-Service Spatial Data Standards, domains, definitions, and transfer standards for environmental restoration and compliance.

3. Environmental Database and Regulation "Yellow Pages" (on Internet/bulletin board). Include federal and state regulations and "acceptable
 4. Groundwater Modeling (Includes groundwater modeling/GIS link).
 5. DoD Environmental Compliance Database.
 6. Risk Ranking.
 7. Archiving of Environmental Records with link to GIS (Document imaging, storage, and retrieval system).
 8. Environmental symbols and visualization tools for GIS.
 9. Evaluate and recommend environmental data acquisition, data interpretation, data consolidation, remote sensing, etc. methods.
 10. Interface with legacy program at Mojave Desert Region (interoperability).
 11. Standard environmental restoration and compliance SQL queries.
- e. Evaluation.
1. Evaluation Checklist.
 2. Technical support group (Standards, software, hardware).
 3. Communications (case studies, lessons learned, e-mail, POC's).

Development of Five Objectives for Environmental Field Working Group

The environmental fwg objectives were consolidated into the following five area. They are numbered in order of priority.

1. Implementation of CADD/GIS Technology for Environmental Business Practices (Implementation).
2. Review, identify, and communicate with other environmental DoD and non-DoD initiatives (Initiation/Awareness).
3. Evaluate and develop environmental training and installation support (Procurement & Installation).
4. Develop evaluation standards for feedback, and provide feedback (Evaluation).

Rank Top Ten Projects

The environmental fwg reviewed the proposed projects for FY 96 and ranked the top ten projects as follows:

1. Task No. 77 - Implement the Tri-Service Spatial Data Standards for accomplishment of Environmental Compliance Activities.
2. Task No. 76 - Implement the Tri-Service Spatial Data Standards for accomplishment of Environmental Cleanup (Restoration) Activities.
3. Task No. 11 - Upkeep of BBS POC Directory, CADD/GIS Bulletin and Mosaic Interface.
4. Task No. 80 - Development of standards for contracting for electronic deliverables in Environmental Engineering and Natural Resources Management.
5. Task No. 82 - Online Environmental Regulations.
6. Task No. 54 - Support Internet Home Page.
7. Task No. 50 - Demos for A/E/C and Other Trade Shows/Symposiums.
8. Task No. 53 - Provide access to lessons learned on CCB, BBS, and Mosaic.
9. Task No. 31 - Identify Centers of Expertise.
10. Task No. 81 - Archival of environmental documents (electronic storage retrieval system integrated with GIS for environmental documents and records).

PROJECT ACTION PLAN

IDENTIFY, REVIEW, AND COMMUNICATE WITH OTHER ENVIRONMENTAL RESTORATION/COMPLIANCE INITIATIVES

1. **How to Perform:** Task Group.
2. **Schedule:**
 - a. 90 Percent Completion of Phases 1 and 2 (Compare and turn in findings for consolidation, determine remaining requirements for completion of Phases 1 and 2, and make assignments for accomplishment of Phase 3) - 28 August 1995.
 - b. 100 Percent Completion of Phases 1 and 2, 90 Percent Completion of Phase 3 (Compare and turn in findings for consolidation, determine remaining requirements for completion of Phase 3, and make assignments for accomplishment of Phase 4) - November 1995.
 - c. 100 Percent Completion of Phase 3, 90 Percent Completion of Phase 4 (Compare and turn in findings for consolidation, determine remaining requirements for completion of Phase 4) - March 1996.
 - d. 100 Percent Completion of Phase 4 (Compare and turn in findings for consolidation) - May 1996.
 - e. Publish Environmental Restoration/Compliance Initiatives Report - September 1996.
 - f. Provide Electronic copy of report to Systems FWG for incorporation into Center's Mosaic Bulletin Board - September 1996.
3. **Resources Required:** None in FY 95. \$15,000 for meetings and publishing cost in FY 96.
4. **Where to be Performed:** Home office of each task group member. Preparation and publishing of final report to occur at Tri-Service CADD/GIS Technology Center.
5. **Content of Need:** Information transfer to minimize duplication of effort, enhance cost effectiveness and efficiency in accomplishing environmental activities.
6. **Who had the Lead:** Sam Bass (Environmental FWG Co-Chair).
Assistance from Bobby Carpenter (Environmental FWG Facilitator).
7. **Membership:** Chris Kyburg, Tom Stephan, Steven Gonzales, Phil Hunter, Logos Yuen, and Ed Simms (Army Environmental Center).
8. **Additional Resources:** Additional personnel will be identified as required.

9. **Tasks/Activities Required:**

a. **Task 1 - Accomplish Phases 1 and 2.**

1a. Phase 1 - Contact DoD organizations and activities, identify environmental POC, determine environmental CADD/GIS, restoration, and compliance initiatives. See "Minimum Information Requirements Checklist."

2a. Phase 2 - Contact Environmental Protection Agency HQ and Regions, identify environmental POC, determine environmental CADD/GIS initiatives, determine available electronic environmental regulations and information sources. See "Minimum Information Requirements Checklist."

Task 1 Assignments:

Chris Kyburg - West/PAC EPA Regions and West/PAC Navy installations.

Tom Stephans - North EPA Regions, North Navy installations, and DoD nonservice organizations (e.g., CIA and DMA).

Steven Gonzales - South/LANT Epa Regions and South/LANT Navy installations.

Phil Hunter - EPA Labs and EPA HQ.

Logos Yuen - RELLEL/EPA; Air Force Laboratories; EPA Regions 4, 6, and 9; and OSWER /EPA.

Ed Simms - Army Environmental Center initiatives and Army installations.

Larry Mann & Sam Bass - Corps of Engineers offices and installations.

b. **Task 2 - Accomplish Phase 3.**

Phase 3 - Contact non-DoD federal agencies (e.g., DOI, DOE, DA), identify environmental POC, determine environmental CADD/GIS, restoration, and compliance initiatives. See "Minimum Information Requirements Checklist."

c. **Task 3 - Accomplish Phase 4.**

Phase 4 - Contact state and local agencies, universities and institutions, identify environmental POC, determine environmental CADD/GIS, restoration, and compliance initiatives. See "Minimum Information Requirements Checklist."

d. **Task 4 - Accomplish Phase 5.**

Phase 5 - Develop hardcopy and electronic report summarizing findings. Publish hardcopy report for distribution to Tri-Service and other interested personnel. Make electronic report available on the Tri-Service Center's Mosaic Bulletin Board.

10. **Team Name**: Environmental Restoration/Compliance Initiatives Task Group.

Minimum Information Requirements Checklist

Environmental Restoration/Compliance Initiatives Task Group Member making Contact:

Group/Agency/Organization Name:

Point of Contact (POC) Name:

POC Phone Number:

POC FAX Number:

POC e-mail Address:

POC Mailing Address:

Manufacturer and Model of Computer Hardware Used (e.g., Intergraph TD4):

Type and Version of Operating System Used (e.g., Unix, Windows NT, DOS, Windows 3.1):

Type and Version of CADD/GIS Software Used (e.g., ESRI ARC/INFO, Autodesk AutoCAD 12, Intergraph Microstation 4, Intergraph MGE, etc.):

Type and Version of Database Software Used (e.g., Oracle, Informix, dBASE IV, etc.):

Is Electronic Database Schema/Design Structure Available for use by Government/DoD Organizations (Yes/No):

Type, Version, and Source of Environmental Restoration/Compliance Software (e.g., modeling, analysis, hazmat/hazwaste tracking, etc.) Used:

Is Environmental Restoration/Compliance Software Available for use by Government/DoD Organizations (Yes/No):

Initiative Summary/Description and Status (e.g., Project Name, Project Location, Scope, Contractor Name and Address, Contractor POC (optional), and Milestones):

Initiative Charter (if any):

Environmental Restoration/Compliance Regulations/Data/Information Summary/Description, Availability, and How to Acquire:

Other Pertenint Information:

Description and Address of Internet Resources Available (provided by group/organization):

WWW:

FTP:

TELNET:

Other Internet:

Homepage:

Compuserve:

America Online:

Prodigy:

Other: